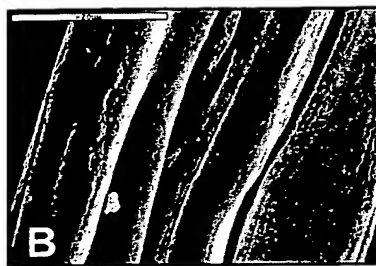
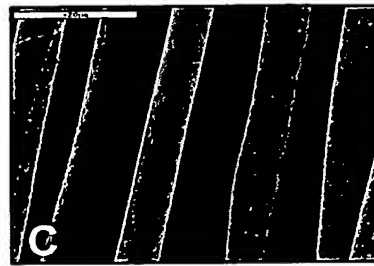


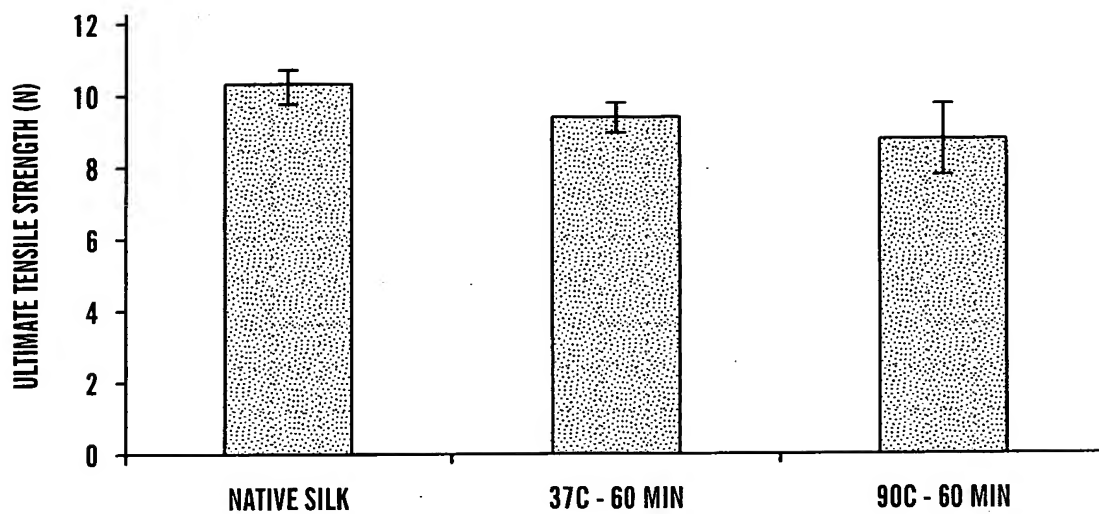
**FIG. 1A**



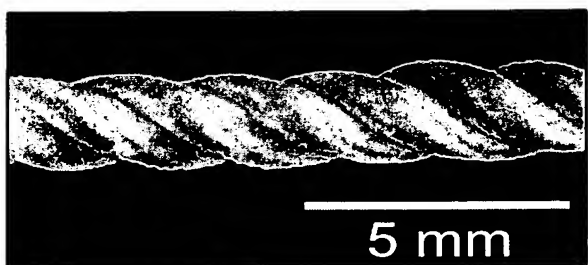
**FIG. 1B**



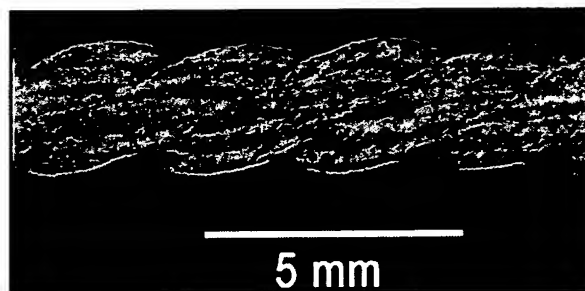
**FIG. 1C**



**FIG. 1D**



**FIG. 2A**



**FIG. 2B**



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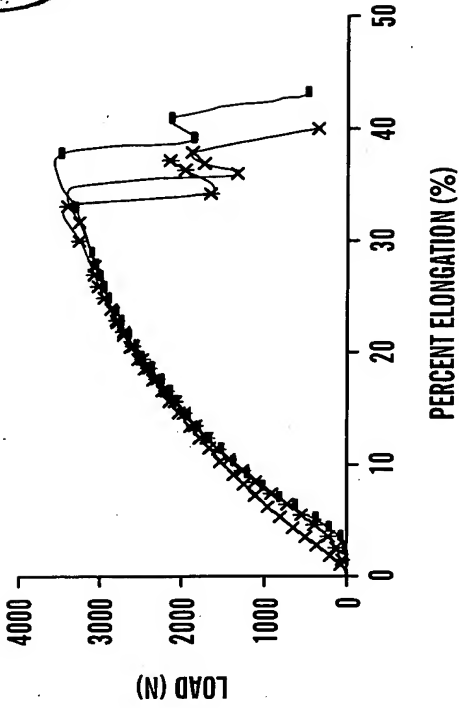


FIG. 3C

$$y = -94.354\ln(x) + 2620.4$$
$$R^2 = 0.959$$

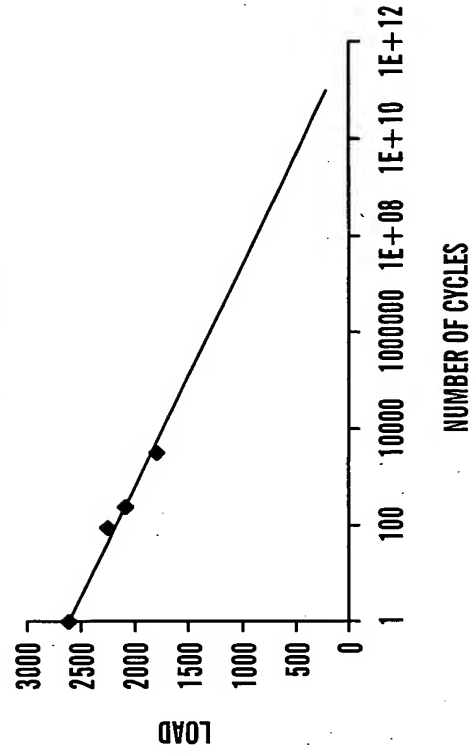


FIG. 3D

ACL SIX-CORD MATRIX

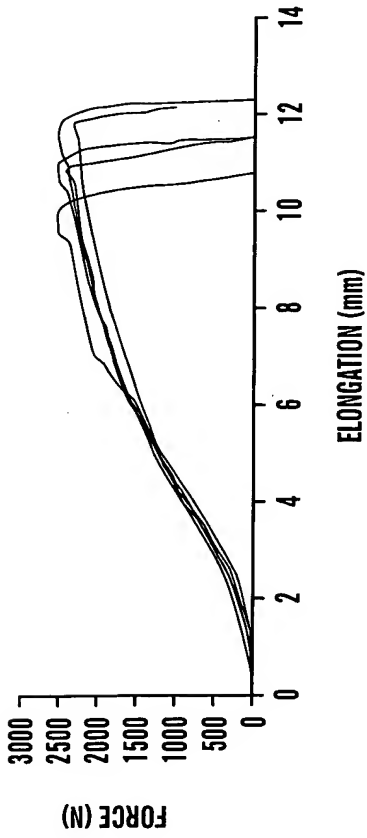


FIG. 3A

$$y = -128.11\ln(x) + 2320.9$$
$$R^2 = 0.9886$$

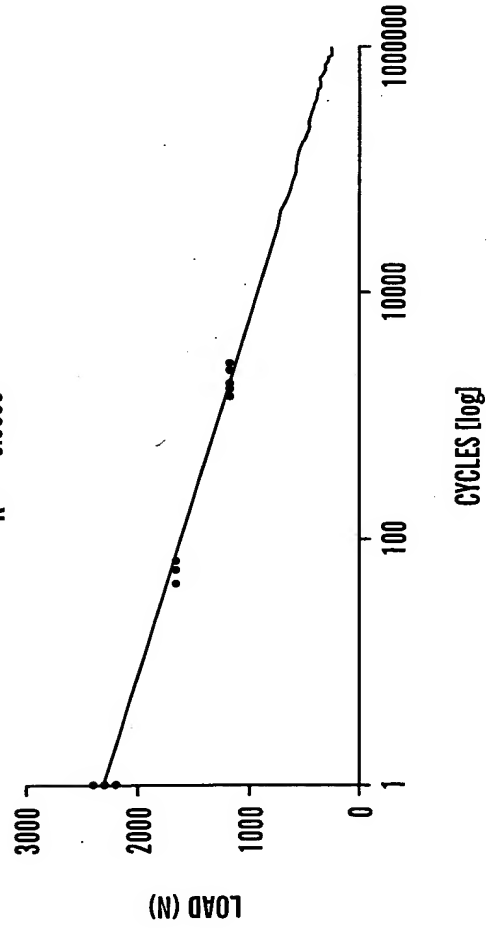


FIG. 3B

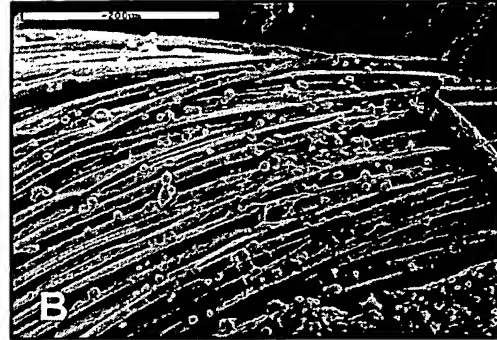


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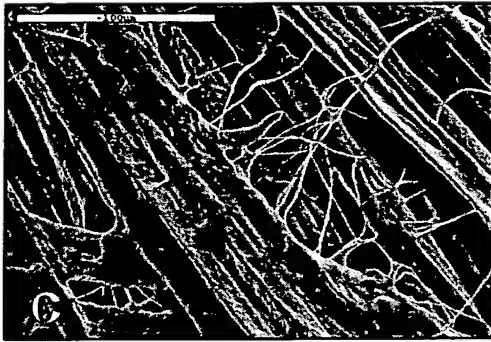
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**FIG. 4A**



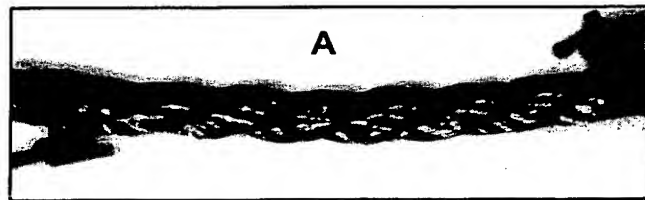
**FIG. 4B**



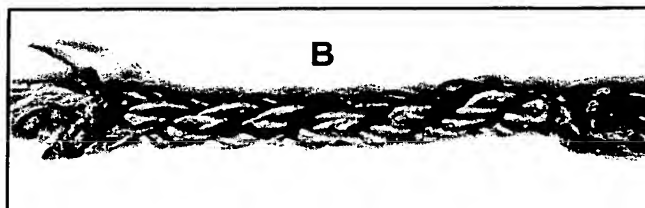
**FIG. 4C**



**FIG. 4D**



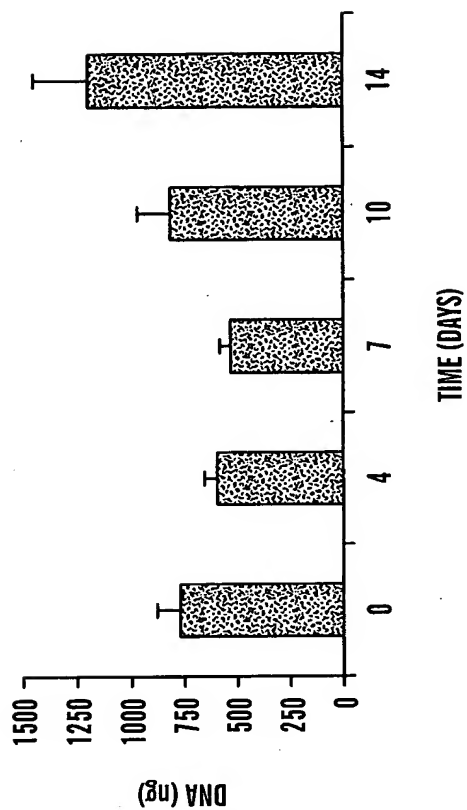
**FIG. 5A**



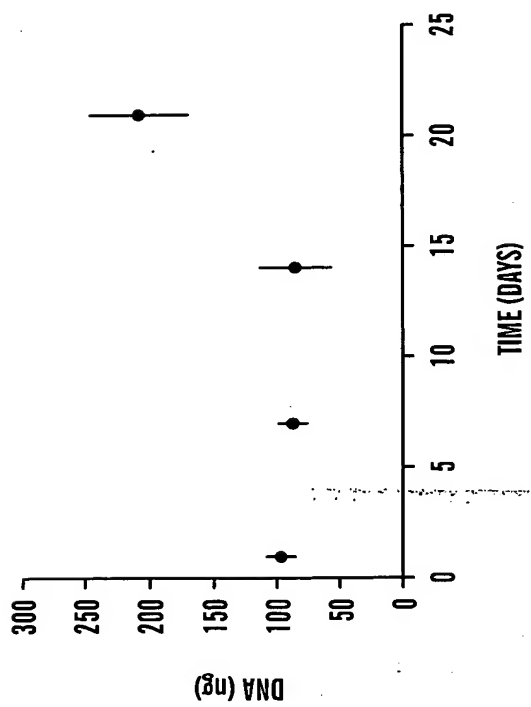
**FIG. 5B**



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**FIG. 6B**



**FIG. 6A**



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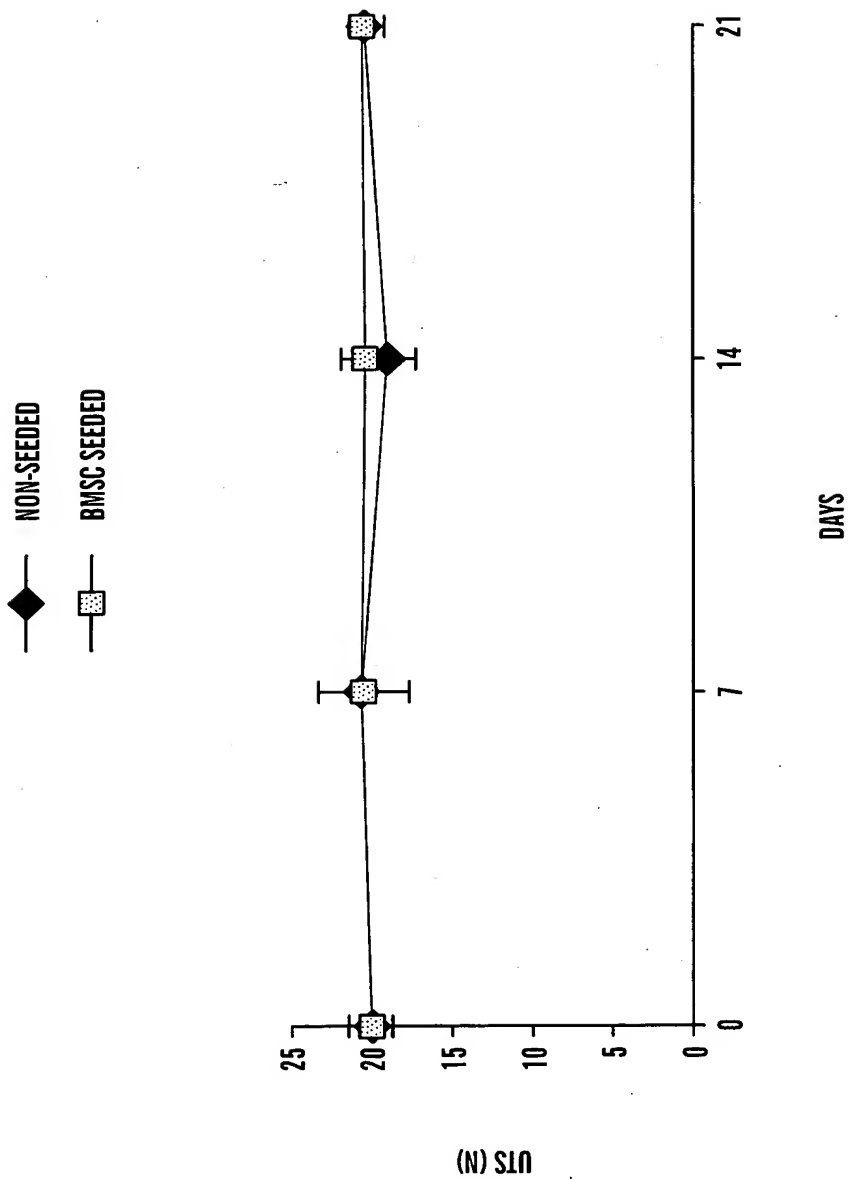
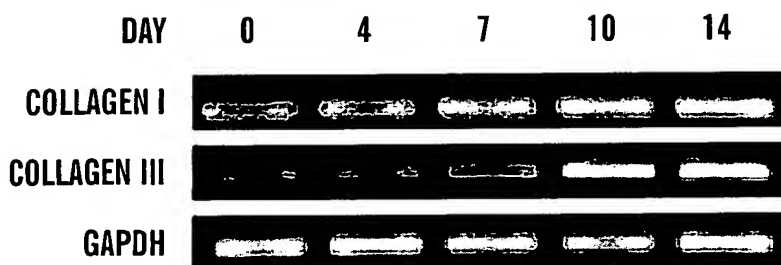


FIG. 7



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**FIG. 8**

HEMATOXYLIN AND EOSIN STAINING OF  
RABBIT RECONSTRUCTED MCL AFTER 6 WEEKS.

MATRIX 1 FIBROIN FIBER

PROGENITOR HOST CELLS



**FIG. 9A**

TRICHROME

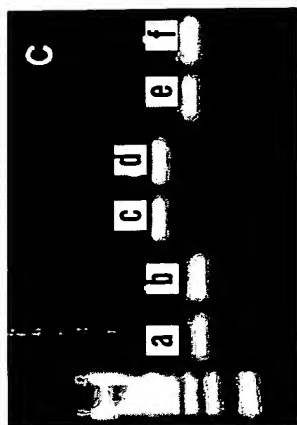
COLLAGEN INGROWTH



**FIG. 9B**



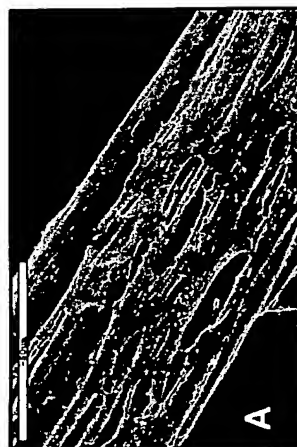
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**FIG. 10C**



**FIG. 10B**

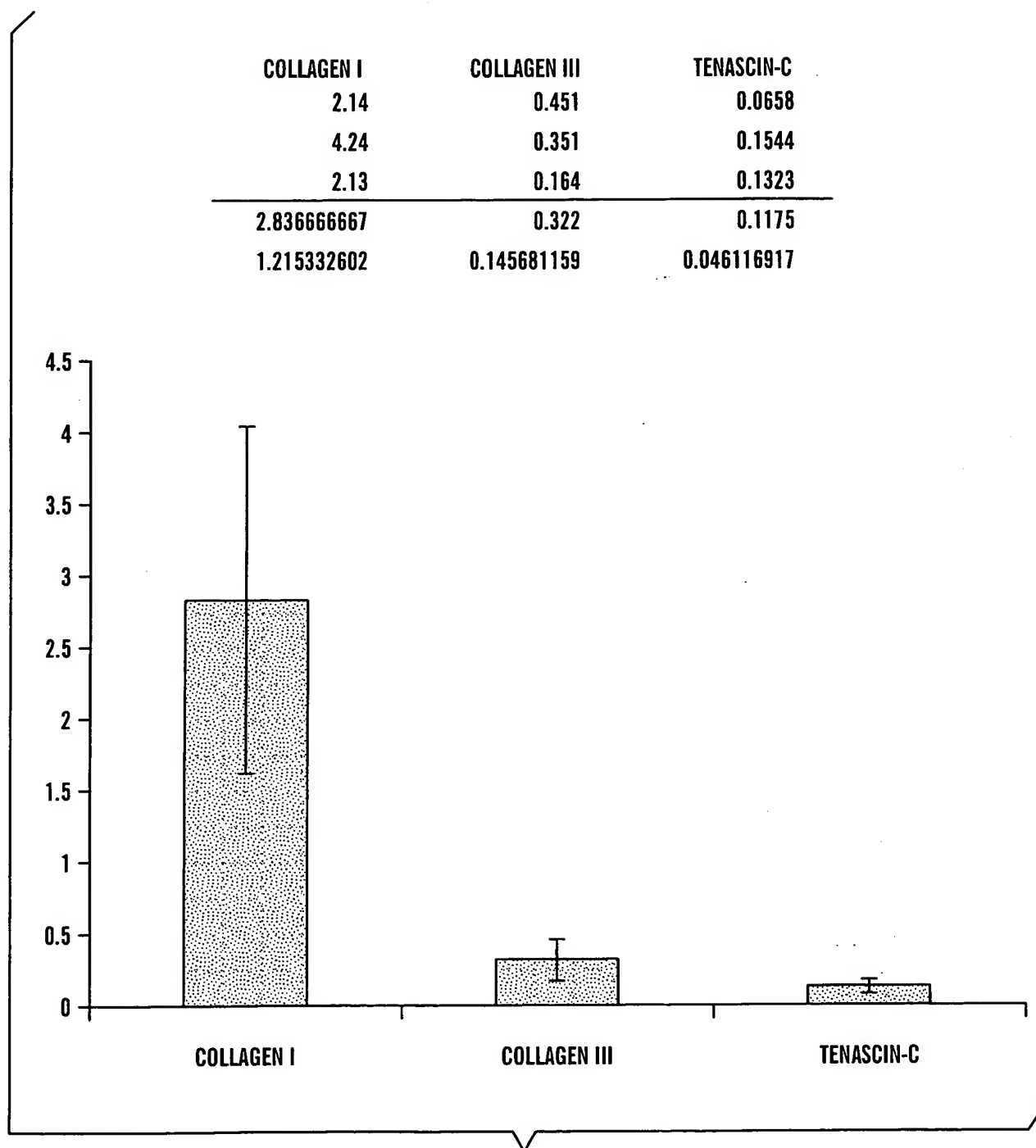


**FIG. 10A**

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**FIG. 11**